



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

here application of

Yasuhiko ONISHI et al.

Serial No.: 10/735,501

Group Art Unit: 2811

Filed: December 12, 2003

Examiner:

For: SUPER-JUNCTION SEMICONDUCTOR DEVICE AND METHOD OF  
MANUFACTURING THE SAME

Certificate of Mailing

I hereby certify that this paper is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to: Commissioner for Patents, P.O. Box 1450,  
Alexandria VA 22313-1450 on:

Date: 03/31/04

By: Marc A. Rossi  
Marc A. Rossi

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby  
directed to the references listed on the attached Form PTO-1449. Copies of the references listed on  
Form PTO-1449 are attached.

It is respectfully requested that the information be expressly considered during the  
prosecution of this application, that these references be made of record therein and appear among  
the "References Cited" on any patent to issue therefrom, and that an initialed copy of the PTO-1449  
be returned to the undersigned.

Respectfully submitted,

Date: 03/31/04

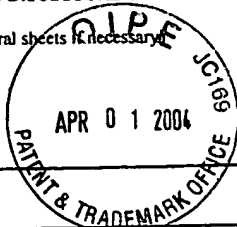
Marc A. Rossi

Marc A. Rossi  
Registration No. 31,923

Attorney Docket No.: FUJI:180A

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional) FUJI:180A

SERIAL NO.: 10/735,501

APPLICANT(s) Yasuhiko ONISHI et al.

FILING DATE: December 12, 2003

Group Art Unit 2811

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
	US	6,184,555 B1	2/01	Tihanyi et al.	257	342	
	US	6,097,063	8/00	Fujihira	257	339	
	US	6,081,009 A	6/00	Neilson	257	341	
	US	5,141,889 A	8/92	Terry et al.	437	31	
	US	5,286,655 A	2/94	Tsunoda	437	6	
	US	5,292,672 A	3/94	Akiyama et al.	437	31	
	US	6,307,246 B1	10/01	Nitta et al.	257	493	
	US	2001-0046739	11/01	Miyasaka et al.	438	268	
	US	6,551,909 B1	4/03	Fujihira	438	510	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	EP	0053854	2/86	EPO				
	JP	3-105975 A	5/91	JAPAN (English Abstract)			X	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

"Theory of Semiconductor Superjunction Devices"; Tatsuhiko FUJIHIRA; Jpn. J. Appl. Phys. Vol. 36 (1997), Part 1 No. 10, October 1997; pgs. 6254-6262.

EXAMINER		DATE CONSIDERED
----------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional) FUJI:180A

SERIAL NO.: 10/735,501

APPLICANT(s) Yasuhiko ONISHI et al.

FILING DATE: December 12, 2003

Group Art Unit 2811

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
	US	5,798,554	8/98	Grimaldi et al.	257	329	
	US	2001-0028083	2/01	Onishi et al.	257	328	
	US	5,183,769	2/93	Rutter et al.	438	138	
	US	6,475,864	11/02	Sato et al.	438	268	
	US	6,207,994 B1	3/01	Rumennik et al.	257	342	
	US	6,198,141 B1	3/01	Yamazaki et al.	257	404	
	US	5,216,275	6/93	Chen	257	493	
	US	6,274,904	8/01	Tihanyi	257	329	
	US	4,754,310	6/88	Coe	357	13	
	US	5,438,215	8/95	Tihanyi	257	401	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	JP	401272158 A	10/89	JAPAN (English Abstract)			X	
	JP	2000-40822 A	2/00	JAPAN (English Abstract)			X	
	JP	10-223896 A	8/98	JAPAN (English Abstract)			X	
	JP	54-22179 A	2/79	JAPAN (English Abstract)			X	
	JP	1-93169 A	4/89	JAPAN (English Abstract)			X	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.